Electronic / Optic

NEW OPTICAL ANALYSIS METHOD FOR COMPONENTS

Reconstruction of a useful signal from a noisy signal acquired

Technological benefits

Performance enhancements

Optimized integrated circuits analysis.

Search of the signal more efficient and quicker.

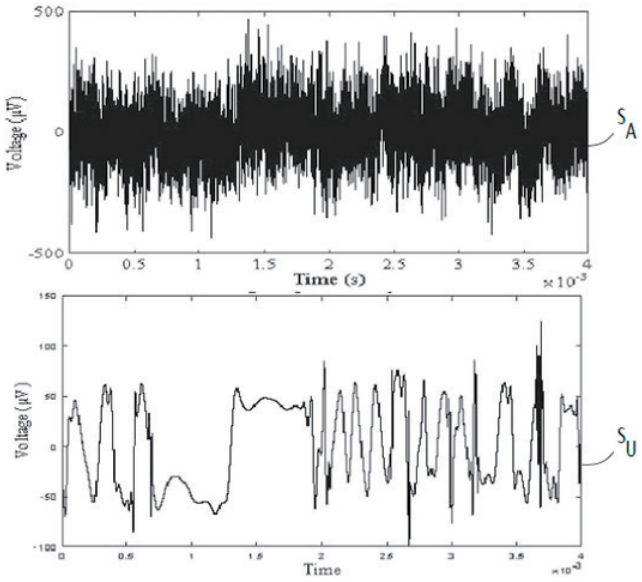
Construction and improvement of the useful signal quality.

Noise can be unknown.

Programmable

Programmable device.

Compatible with standard equipment.

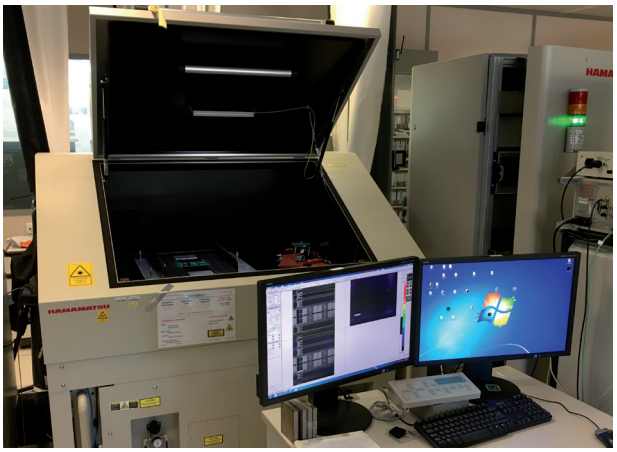


Invention overview

This invention relates to electro-optical analysis of electronic components.

The reflected signal, obtained by optical stimulation, of the part of the targeted component is recovered for analysis.

The acquisition is fast and can be used without prior knowledge of noise parameters.



Commercial benefits

Economical

Improved quality, time savings.

Fast implementation

Use of a generic manufacturing process.
Programmable and adaptable to existing tools.

TRL : 6/8 - Demonstration possible

Invention available under license.

Potential applications

Field of component analysis, especially in constrained environments.

Component manufacturing.

B1555

For further information

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